

What is Claimed is:

1. An air conditioning and ventilating system comprising:
an air conditioner installed on a ceiling, having air outlets for discharging air having heat heat exchanged at an indoor heat exchanger, and a device for controlling a direction of air discharged from the air outlets;
a first air passage for guiding outdoor air to a room; and
a second air passage for guiding room air to an outdoor.
2. The air conditioning and ventilating system as claimed in claim 1, wherein the first air passage, and the second air passage are closable.
3. The air conditioning and ventilating system as claimed in claim 1, wherein the device includes a deflecting plate.
4. The air conditioning and ventilating system as claimed in claim 3, wherein the deflecting plate is tilted at an angle from a ceiling surface for directing the air from the air outlet, not vertical to the ceiling surface, but at an angle from the ceiling surface.
5. The air conditioning and ventilating system as claimed in claim 4, wherein the deflecting plate is arranged along a side of the air outlet, tilted toward the ceiling surface having the air outlet formed therein.
6. The air conditioning and ventilating system as claimed in claim 5, wherein the deflecting plate is tilted at an angle in a range of $15^{\circ} \sim 45^{\circ}$ from the ceiling surface having the

air outlet formed therein, in a case a temperature of the air discharged to the room through the first air passage is higher than a temperature of the room air.

7. The air conditioning and ventilating system as claimed in claim 5, wherein the deflecting plate is tilted at an angle in a range of $45^{\circ} \sim 90^{\circ}$ from the ceiling surface having the air outlet formed therein, in a case a temperature of the air discharged to the room through the first air passage is lower than a temperature of the room air.

8. The air conditioning and ventilating system as claimed in claim 3, wherein the device further includes a controlling part for controlling an angle of the deflecting plate.

9. The air conditioning and ventilating system as claimed in claim 8, wherein the deflecting plate swings automatically within a preset range of angle from the ceiling surface having the air outlet formed therein, for automatic change of a direction of the air discharged to the room through the air outlet.

10. The air conditioning and ventilating system as claimed in claim 4, wherein the first air passage includes at least one air inlet port for supplying air to the room in a direction the ceiling surface forms an acute angle from the deflecting plate.

11. The air conditioning and ventilating system as claimed in claim 1, wherein the first, and second air passages cross at a part.

12. The air conditioning and ventilating system as claimed in claim 11, further

comprising a regenerative heat exchanger at the cross part of the first air passage, and the second air passage for making the room air and the outdoor air passed through the cross part to heat exchange with each other.